



Rev. 03/19/2003

Attorney Docket No: MTEC-011/00US

PATENT

Express Mail Label Number: EV 316 159 795 US  
Date of Deposit: February 23, 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of THEKKATH et al.

Serial No.: 09/844,670 Examiner: Anil KHATRI

Confirmation No.: 8985 Art Unit: 2124

Filed: April 30, 2001

For: TRACING OUT-OF-ORDER LOAD DATA

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Enclosed is an Information Disclosure Statement and accompanying Form PTO/SB/08A for the above-identified patent application.

- In accordance with 37 C.F.R. §1.97(b), no additional fee for submission of the IDS is required.
- In accordance with 37 C.F.R. §1.97(c), also enclosed is:
  - the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p); or
  - a statement as specified in 37 C.F.R. §1.97(e).
- In accordance with 37 C.F.R. §1.97(d), a statement as specified in 37 C.F.R. § 1.97(e) and the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) are also enclosed.
- Check No. \_\_\_ in the amount of \$\_\_\_ for the total fee is attached.
- Copies of three (3) references .
- A return receipt postcard is also enclosed.
- Please charge \$\_\_\_ to Deposit Account No. 03-3117 for the total fee. This paper is being submitted in duplicate.

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Page 2

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 03-3117.

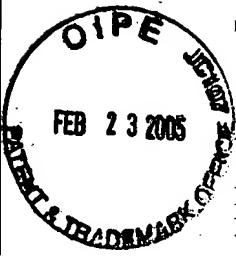
Dated: February 23, 2005

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Respectfully submitted,  
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By:

  
Edward Van Gieson  
Reg. No. 44,386



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 Commissioner for Patents  
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### SUPPLEMENTAL FORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56,  
 Applicant(s) hereby submits the following information in conformance with 37 C.F.R.  
 §§1.97 and 1.98.

- Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08 is enclosed.
- No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. \_\_\_ to which the above-identified application claims priority under 35 U.S.C. §120.
- No copies of any U.S. patents or U.S. patent application publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98.
- Copies of UK Patent Application Nos. GB 2 329 048A, GB 2 329 049A, and the reference "Embedded Trace Macrocell Specification," Rev. 0/0a, ARM IHI 0014C, ARM Ltd. (1999) are attached.

- Publication(s) \_\_\_ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to \_\_\_ application serial no. \_\_\_ and mailed on \_\_\_.
- Enclosed is a copy of pending patent Application Serial No. \_\_\_.

This Information Disclosure Statement is filed within any one of the following time periods:

- within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);
- within three months from the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in this international application;
- before the mailing date of a first office action on the merits; or
- before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

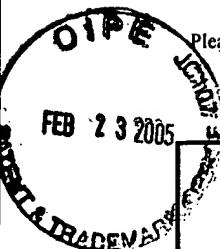
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Respectfully submitted,  
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By:

  
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
Sheet	1	of	3	Application Number	09/844,670
				Filing Date	April 30, 2001
				First Named Inventor	THEKKATH
				Group Art Unit	2183
				Examiner Name	Unassigned
				Attorney Docket Number	MTEC-011/000US

#### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	P1	3,473,154		Couleur et al.	10/14/1969
	P2	3,585,599		Hitt	06/15/1971
	P3	3,681,534		Burian et al.	08/01/1972
	P4	3,702,989		Provenzano, Jr. et al.	11/14/1972
	P5	3,704,363		Salmassy et al.	11/28/1972
	P6	3,707,725		Dellheim	12/26/1972
	P7	3,771,131		Ling	11/06/1973
	P8	3,794,831		Frankeny et al.	02/26/1974
	P9	3,805,038		Buedel et al.	04/16/1974
	P10	3,906,454		Martin	09/16/1975
	P11	4,205,370		Hirtle	05/27/1980
	P12	4,293,925		Hang et al.	10/06/1981
	P13	4,423,508		Shiozaki et al.	12/27/1983
	P14	4,462,077		York	07/24/1984
	P15	4,503,495		Boudreau	03/05/1985
	P16	4,511,960		Boudreau	04/16/1985
	P17	4,539,682		Herman et al.	09/03/1985
	P18	4,553,223		Bouhelier et al.	11/12/1985
	P19	4,554,661		Bannister	11/19/1985
	P20	4,590,550		Eilert et al.	05/20/1986
	P21	4,742,466		Ochiai et al.	05/03/1988
	P22	4,783,762		Inoue et al.	11/08/1988
	P23	4,835,675		Kawai	05/30/1989
	P24	5,058,114		Kuboki et al.	10/15/1991
	P25	5,274,811		Borg et al.	12/28/1993
	P26	5,289,587		Razban	02/22/1994
	P27	5,434,622		Lim	07/18/1995
	P28	5,471,594		Stone	11/28/1995
	P29	5,533,193		Roscoe	07/02/1996
	P30	5,581,691		Hsu et al.	12/03/1996
	P31	5,621,886		Alpert et al.	04/15/1997
	P32	5,689,636		Kleber et al.	11/18/1997
	P33	5,689,694		Funyu	11/18/1997
	P34	5,715,435		Ikei	02/03/1998
	P35	5,748,904		Huang et al.	05/05/1998
	P36	5,751,942		Christensen et al.	05/12/1998
	P37	5,812,868		Moyer et al.	09/22/1998
	P38	5,832,515		Ledain et al.	11/03/1998
	P39	5,848,264		Baird et al.	12/08/1998
	P40	5,946,486		Pekowski	08/31/1999
	P41	6,009,270		Mann	12/28/1999
	P42	6,012,085		Yohe et al.	01/04/2000
	P43	6,106,573		Mahalingaiah et al.	08/22/2000
	P44	6,256,777		Ackerman	07/03/2001
	P45	6,282,701		Wygodny et al.	08/28/2001

<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.



<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<i>Complete if Known</i>	
				Application Number	09/844,670
				Filing Date	April 30, 2001
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				Group Art Unit	2183
				Examiner Name	Unassigned
Sheet	2	of	3	Attorney Docket Number	MTEC-011/000US

P46	6,314,530		Mann	11/06/2001
P47	6,338,159		Alexander	01/08/2002
P48	6,353,924		Ayers et al.	03/05/2002
P49	6,457,144		Eberhard	09/24/2002
P50	6,467,083		Yamashita	10/15/2002
P51	6,530,076		Ryan et al.	03/04/2003
P52	6,615,370		Edwards et al.	09/02/2003
P53	6,615,371		McCullough et al.	09/02/2003
P54	6,658,649		Bates et al.	12/02/2003
P55	6,684,348		Edwards et al.	01/27/2004
P56	2001/0054175		Watanabe	12/20/2001
P57	2002/0046393		Leino et al.	04/18/2002

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office <sup>1</sup>	Number <sup>2</sup>	Kind Code <sup>3</sup> (if known)		
F1	GB	2 329 048		ARM Limited	10/03/1999	
F2	GB	2 329 049		ARM Limited	10/03/1999	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>2</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>4</sup> Applicant is to place a check mark here if English language Translation is attached.



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PTO/SB/08A (08-00)

Substitute for form 1449B/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	09/844,670
				Filing Date	April 30, 2001
				First Named Inventor	THEKKATH
				Group Art Unit	2183
				Examiner Name	Unassigned
Sheet	3	of	3	Attorney Docket Number	MTEC-011/00US

<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
	1	Embedded Trace Macrocell Specification, Rev. 0/0a, ARM IHI 0014C, ARM Ltd. (1999)				

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>2</sup> Applicant is to place a check mark here if English language Translation attached.